



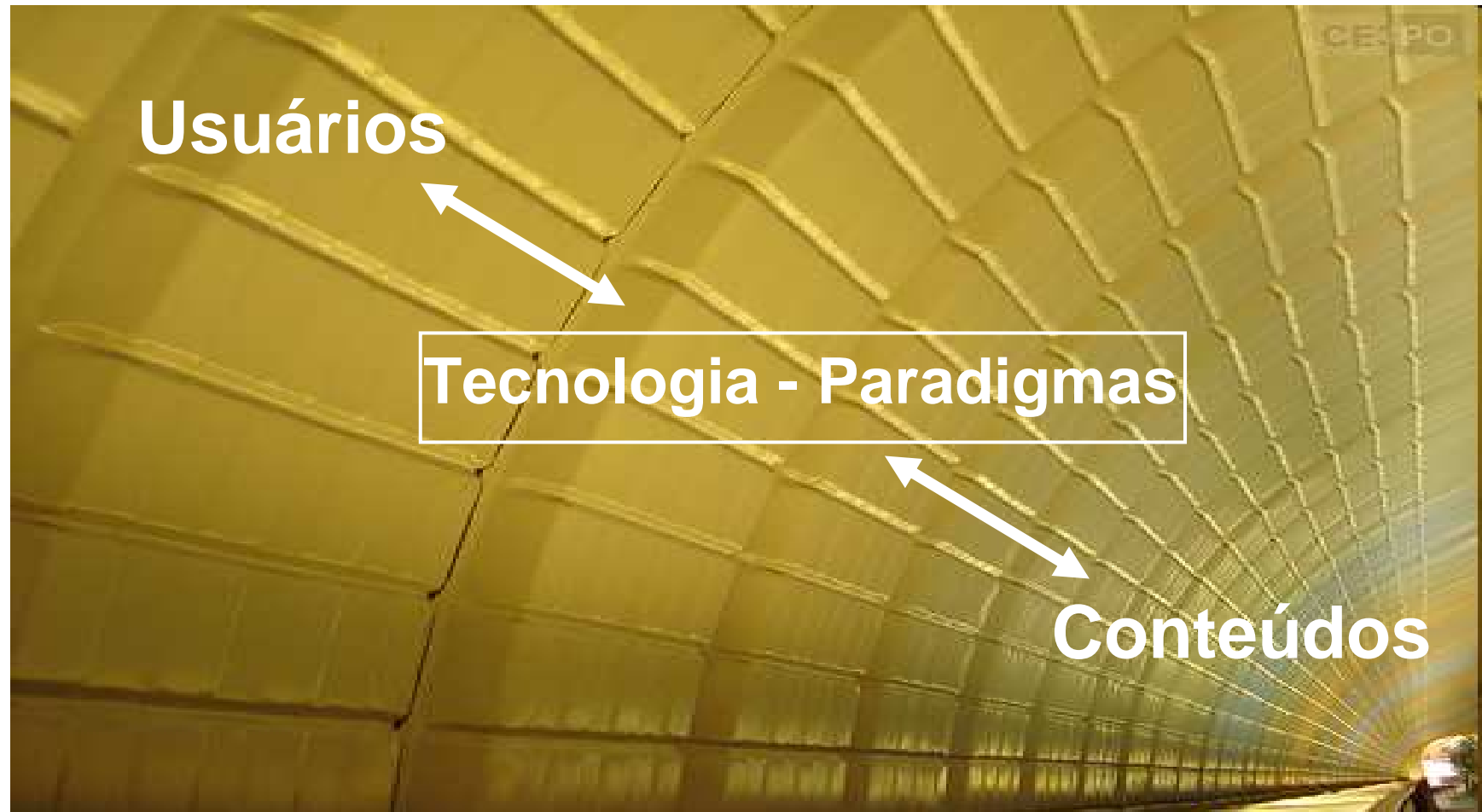
eHealth e a Web 2.0

Mashups!

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Convergências



Factores

- **Usuarios**

- Acesso ao Web ao mão e pessoal.
- Acesso aos conteúdos sem se preocupar pela sua localização física.
- “Gratuito”
 - Modelos de negocio
- Criar conteúdos
 - Criação de conteúdos pelas comunidades

Factores

- **Tecnologia - hardware**

- Wireless (liberdade)
- Dispositivos portáteis e de múltiplos usos (liberdade)
- Banda larga
- Preços, impostos, Moore's Law



- **Tecnologia - filosofias**

- Open Access
- OpenURL
- Open Source
 - ej. Firefox, Chrome, Open Office, Linux, Unbutu
- Web 2.0 (blog, wiki, rss, widgets, mashups)
- Realidades virtuais (Second Life)



<http://www.plasticlogic.com>

Factores

- **Conteúdos**

- Impresso, eletrónico (print on demand)
- Open Access, Comercial
 - Modelos de publicação e da divulgação
- Criado pelos usuários (compartir)
 - Wikipedia*, YouTube, Flickr, del.icio.us
 - Sumamente importante
 - Mais informação criado pela gente que pelos especialistas

Usuarios

Conteúdos, Contextos

The screenshot shows the NHS Choices website homepage. At the top, the NHS logo and 'choices Your health, your choices' are displayed. Navigation links include 'About', 'Partners', 'Site map', 'Accessibility', and 'Contact'. A search bar is present with a 'Search' button. Below the search bar, there are links for 'Home', 'Live Well', 'Health A-Z', and 'Find services'. On the right, there are links for 'Blogs', 'News', 'Tools', 'Videos', 'Links', and 'Mobile'. The main content area features several sections: 'How to stay healthy as a new student' with a video player and a 'Click to play' button; 'Search the Health A-Z' with a search bar and a 'Search Health A-Z' button; 'Behind the headlines' with a brain image and links to 'Knee surgery versus physiotherapy', 'Eating linked to thinking', and 'Does pollution affect heart health?'; 'Compare hospitals' with a 'Find and compare hospitals' button and a 'Book an outpatient appointment' button; 'Antibiotics competition for schools' with a 'More about the competition' link; 'Try our health tools' with a 'Health tools library' link; 'All about pregnancy' with a 'The pregnancy care planner' link; 'Flooding and health' with a 'Live Well: flood safety' link; and 'Try the Map of Medicine' with a 'Map of Medicine' link. A red circle highlights the 'Search the Health A-Z' section, and another red circle highlights the 'Behind the headlines' section.

NHS choices Your health, your choices

About Partners Site map Accessibility Contact

Need medical help now?
Call NHS Direct on 0845 4647

Full search GPs Hospitals Dentists more options Enter a search term Search

RSS

Home Live Well Health A-Z Find services Blogs News Tools Videos Links Mobile

How to stay healthy as a new student

Know the risks of college life

Starting university brings many challenges ... and looking after your health is vital if you want to make the most of your new life away from home. Watch the video to find out more

Click to play

Student health All Live Well topics

Search the Health A-Z

Treatments and conditions

Nearly 800 treatments and conditions explained. Search by body map, subject group or alphabetically

Search Health A-Z

Behind the headlines

Knee surgery versus physiotherapy
Eating linked to thinking
Does pollution affect heart health?

RSS feed All stories

Compare hospitals

Find and compare hospitals
Book an outpatient appointment
Compare hospitals for treatment

Comment on a hospital

I have been referred to Mile End Hospital for Clinical Assessment, but....
Elena, on Mile End Hospital - 5 hours ago

Antibiotics competition for schools

Prizes for posters in the Antibiotics Resistance Challenge
More about the competition

Try our health tools

Assess your own health with our interactive features, symptom checkers and calculators
Health tools library

All about pregnancy

Whether you are trying for a baby or are already pregnant, our comprehensive planner will help ensure you get the care that's best for you
The pregnancy care planner

Flooding and health

Find out how to minimise health risks for you and your family after a flood
Live Well: flood safety

Try the Map of Medicine

See the same guides that your doctor can use for help with your treatment
Map of Medicine

<http://www.nhs.uk>

Usuarios

Conteúdos, Contextos - blogs

NHS choices Your health, your choices

About Partners Site map Accessibility Contact

Need medical help now?
Call NHS Direct on 0845 4647

Full search ☐ GPs ☐ Hospitals ☐ Dentists [more options](#)

RSS

Home Live Well Health A-Z Find Services Blogs News Tools Video Links Mobile

NHS Choices Diabetes

It's the little things that get you... ★★★★★

By Nicky T2 on Sep 05 2008, 12:07 PM

My eldest has started 6th form college this week. It's in the next county, so I've been getting up an hour earlier than usual to get her to the station. It's been kinda hard to get going at work when I get back home, I've been feeling headachy, slow, and my eyes have been difficult to focus - and this morning I found out why. I've been liver dumping! I haven't done that for ages - but then I'm used to falling out of bed, making packed lunches and shooing the children out of the door, then walking round to my study, none of this fighting through traffic! At least I know what to do now, I'll just make sure to have breakfast before we leave, rather than when I get back. (Try working out THAT problem, and its solution, without having access to test strips, mutter...)

Mademoiselle is 17 in December. Which is my liver likely to find more stressful, do you reckon - continuing to taxi her myself, or let her take scooter lessons so she can do the 3-mile journey herself?!

Nicky.

[1 comment\(s\)](#)
Filed under: [Diet](#), [Living with Diabetes](#)

Sports, Diabetes (type I) and supplementation ★★★★★

By Mat Hipwood on Sep 04 2008, 12:20 AM

There is quite a lot of information on the internet on the benefits of exercise in type II diabetes, there are even anecdotes from various type I sports men/women about how they train with diabetes

Search this section

This Blog

[Home](#)

Recent Posts

- [It's the little things that get you...](#)
- [Sports, Diabetes \(type I\) and supplementation](#)
- [Another review, a new HbA1c result](#)
- [Yup - watch the SMBG myth perpetuating...](#)
- [Why are the experiences of diabetics ignored by the healthcare providers?](#)

Tags

Books Children **diabetes** diabetes and other conditions diabetes diagnosis **Diet** education for diabetics. exercise food **In the News** Insulin **Living with Diabetes** Testing

<http://talk.nhs.uk/blogs/diabetes/default.aspx>

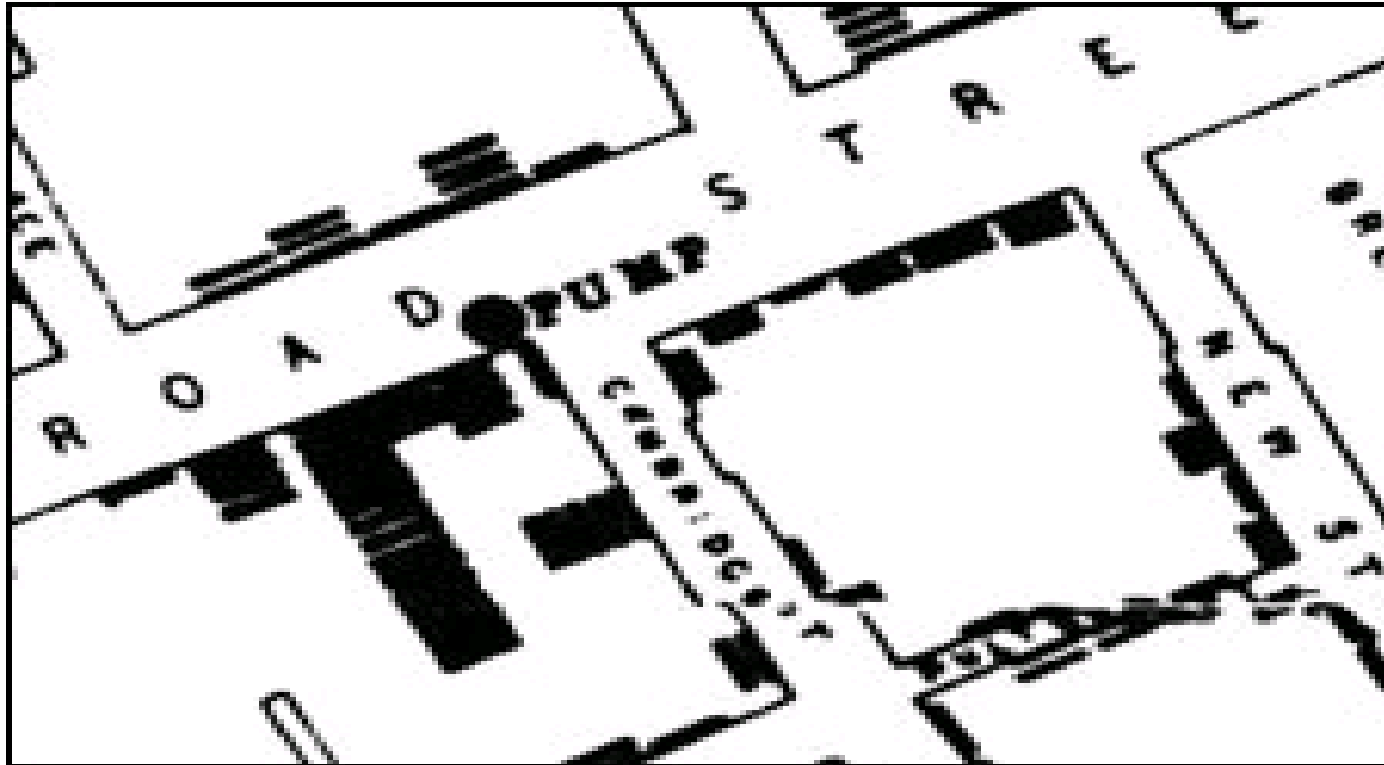
Mashups

– Mashups

- **Um mashup é um website ou uma aplicação web que usa conteúdo de mais de uma fonte para criar um novo serviço completo.***
(Wikipedia).
- Web services e os API
 - Maneira de compartilhar de divulgar informações entre sistemas diferentes.
 - Uma forma de interoperabilidade

* Conteúdo disponível baixo os termos da [Licença de documentação livre de GNU](#)

Mashup do ano1854



London cholera outbreak of 1854

map of cholera deaths compiled by physician John Snow

<http://news.bbc.co.uk/2/hi/technology/7603810.stm>

Mashup



<http://healthmap.org/es>

Mashup

Feeds¹



[1] “PLoS Medicine - Surveillance Sans Frontières: Internet-Based Emerging Infectious Disease Intelligence and the HealthMap Project,” <http://medicine.plosjournals.org/perlserv/?request=get-document&doi=10.1371/journal.pmed.0050151&ct=1>

Mashups

NHS Choices Web services

- Web services do NHS Choices
 - Buscar nos Service Directories
 - Obter artigos de ***Behind the Headlines, Health A-Z, e Live well***
 - No futuro, quase todos os conteúdos da NHS Choices serão disponível por meio dos Web Services
 - Divulgação.
 - Política de acesso livre as informações.



<http://www.nhs.uk/nhscwebservices/Pages/Webservices.aspx>

Mashups

NHS Choices Web services



Patient Opinion mashes
up NHS Choices
06 Aug 2008

The screenshot shows the Patient Opinion website interface. At the top, there's a header with the Patient Opinion logo, a tagline "this is our NHS... let's make it better", and a search bar. Below the header is a navigation menu with links: Home, Find opinions, Find services, Your opinion, Languages, Help, About, Blog. The main content area is titled "Opinions containing nhs" and features a search bar for opinions. Below the search bar, there are three opinion entries, each with a title, author, date, and a quote. The first entry is titled "38 years in the NHS - and there are always two sides to stories about poor care" and is posted by "slim slim" (as a staff member) last week. The second entry is titled "Drugs Drugs and more Drugs" and is posted by "gilly" (as the patient) last week. The third entry is titled "my mother entered A&E on the 10th of July and afte..." and is posted by "jane" (as a relative) 2 weeks ago. The third entry is circled in red, and a red circle highlights the text "Originally posted on: NHS Choices" at the bottom of the entry.

Patient Opinion this is our NHS... let's make it better

Login Please enter search text Search

Home Find opinions Find services Your opinion Languages Help About Blog

Opinions containing nhs

Search for opinions Please enter your search text Search

New search

< Previous Opinions 7 to 12 of 521 Next >

Story

38 years in the NHS - and there are always two sides to stories about poor care

Posted by [slim slim](#) (as a staff member), Last week

“ there seems to be numerous complaints about nursing staff and the quality of care that they provide .there is a huge shortage of staff which...”

About: nursing care

Story

Drugs Drugs and more Drugs

Posted by [gilly](#) (as the patient), Last week

“ A week ago I developed chronic backache, after coping for 3 days I phoned my GP surgery to be told that no appointments were available. Whe...”

About: gp practice

Story

my mother entered A&E on the 10th of July and afte...

Posted by [jane](#) (as a relative), 2 weeks ago

“ What I liked: my mother entered A&E on the 10th of July and after being in ward F7, HDU and finally ITU she regrettably passed away on 14th ...”

About: [Royal Oldham Hospital](#)

Originally posted on: [NHS Choices](#)

Share your story

help

Looking for particular opinions?

Enter your search text into the box and click search.

Just browsing?

Click an opinion title to see the opinion, or a keyword to see other opinions about the same topic.

To see how people are rating a service

Click on the service name below an opinion...

<http://www.patientopinion.org.uk/>

Mashups

Gobernos

NEWS

▶ Watch ONE-MINUTE WORLD NEWS

Page last updated at 09:45 GMT, Wednesday, 2 July 2008 10:45 UK

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News Front Page



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Government launches data mash-up

The UK government has launched a competition to find innovative ways of using the masses of data it collects.

It is hoping to find new uses for public information in the areas of criminal justice, health and education.

The Power of Information Taskforce - headed by cabinet office minister Tom Watson - is offering a £20,000 prize fund for the best ideas.

To help with the task, the government is opening up gigabytes of information from a variety of sources.



A forum for prison visitors is one innovative use of data

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<http://news.bbc.co.uk/2/hi/technology/7484131.stm>

Mashup – Avian flu



View the time-enabled maps


See the time-enabled maps, created by *Nature* reporter [Declan Butler](#), showing the spread of human cases and outbreaks of infection in animals over time since 2003. [Install Google Earth 4.0 to view these maps correctly](#) – please note that earlier GE versions are not supported. Then use this [new link to download the updated time-enabled maps](#).

Once you have downloaded the map inside Google Earth, you will see a time bar at the top of the screen (see screenshot above). Click the button at the right-hand side of this bar to view the time series. For best viewing, set the speed of playback to slowest. And to ensure it all works correctly, right click on the left-hand side of the bar, and select "" clamp beginning of time window."

For more information on the time function of Google Earth maps, [go to Brian Flood's](#) blog post [here](#) and also Google Earth's own help.

<http://www.nature.com/avianflu/google-earth/index.html>

Diretorio de mashups



APIs? Partners? Developers? Like the missing piece to your puzzle. **We connect them.**
Mashery provides scalable on-demand infrastructure for your API.

HomeNewsMashupsAPIsVerticalsHow-ToContestsMembers

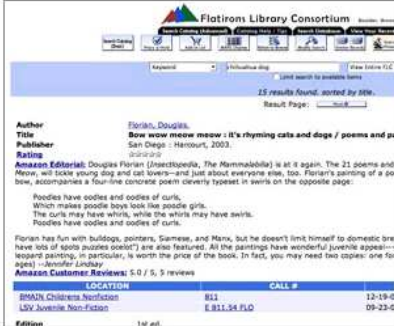
DashboardDirectoryNewestMost PopularMashup MatrixTag CloudRandom

Dashboard > Directory > Mashup Profile1 of 5 Mashups Tagged library< PreviousNext >

Boulder Library with Amazon Reviews

SummaryComments (0)New: Check-out our Shopping Mashup Dashboard *

Overview



Description
See Amazon.com customer reviews and editorials within the online card catalog of the Boulder, Colo., public library.

APIs Amazon eCommerce

Tags books, library, reviews, shopping

Added 19 Mar 2007


Who orchestr8 [Profile]

URL <http://nell.boulder.lib.co.us> ...

See Related Mashups

- Passado.com Recommendations
- CodexMap
- Mr. Rebates for Product Research

★★★★★
Click stars to vote



<http://www.programmableweb.com>

Mashup



Your site for current and local sickness information

Donate

Home

About Us

Contact Us

Food Poisoning Symptoms

Answers to your questions about stomach flu, food poisoning & more!
yourtotalhealth.ivillage.com

Free Download

LogMeIn - Really 100% Free and Easy Access to Work PC from Home PC
www.LogMeIn.com

Diagnosing Your Symptoms

Try Our Medical Symptom Search & Check Possible Causes & Treatments.
Healthline.com

Ads by Google

Google Custom Search

Search

Post Sickness Search Discussion Forum

City or Zip Code

Clear form

Number of days ago sickness began? 1

- ☒ Runny nose (Stuffy nose/Sneeze/Allergies)
- ☒ Cough (Sore throat)
- ☒ Fever (Chills)
- ☒ Head ache (Dizzy)
- ☒ Muscle ache (Body ache/Tired)
- ☒ Stomach ache (Diarrhea/Nausea/Vomit)

More Symptoms?

Age ☐ Male ☐ Female

More Details

Post

[Login and join the community!](#)

View: Map | Postings

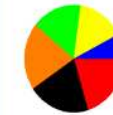


DISCLAIMER: WhoIsSick is not intended to be a substitute for professional medical advice. Always seek the advice of a qualified health provider with any questions you may have regarding a medical condition. The use of the WhoIsSick site and its content is at your own risk.

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Analysis of 34 sicknesses in the current view

% breakdown of symptoms



- Runny nose 20%
- Head ache 20%
- Muscle ache 20%
- Cough 16%
- Fever 15%
- Stomach ache 8%

Click any symptom to filter

Bloody stool or urine Blurred vision Chicken pox Cold or clammy skin
Constipation Cough Difficulty swallowing Dry mouth Ear pain Excessive sweating Eye discharge Fever Food poisoning Gas Head ache Hearing loss Hoarse Itchy burning eyes Mouth sores Muscle ache Nose Bleed Racing heartbeat Red eye Ringing ears Runny nose Sensitive to light Skin sores Stomach ache Swollen Tonsils Wheezing

<http://whoissick.org/sickness/>

Mashup tools

- Google Mashup Editor

<http://www.googlemashups.com>

- Microsoft Popfly

<http://www.popfly.com/>

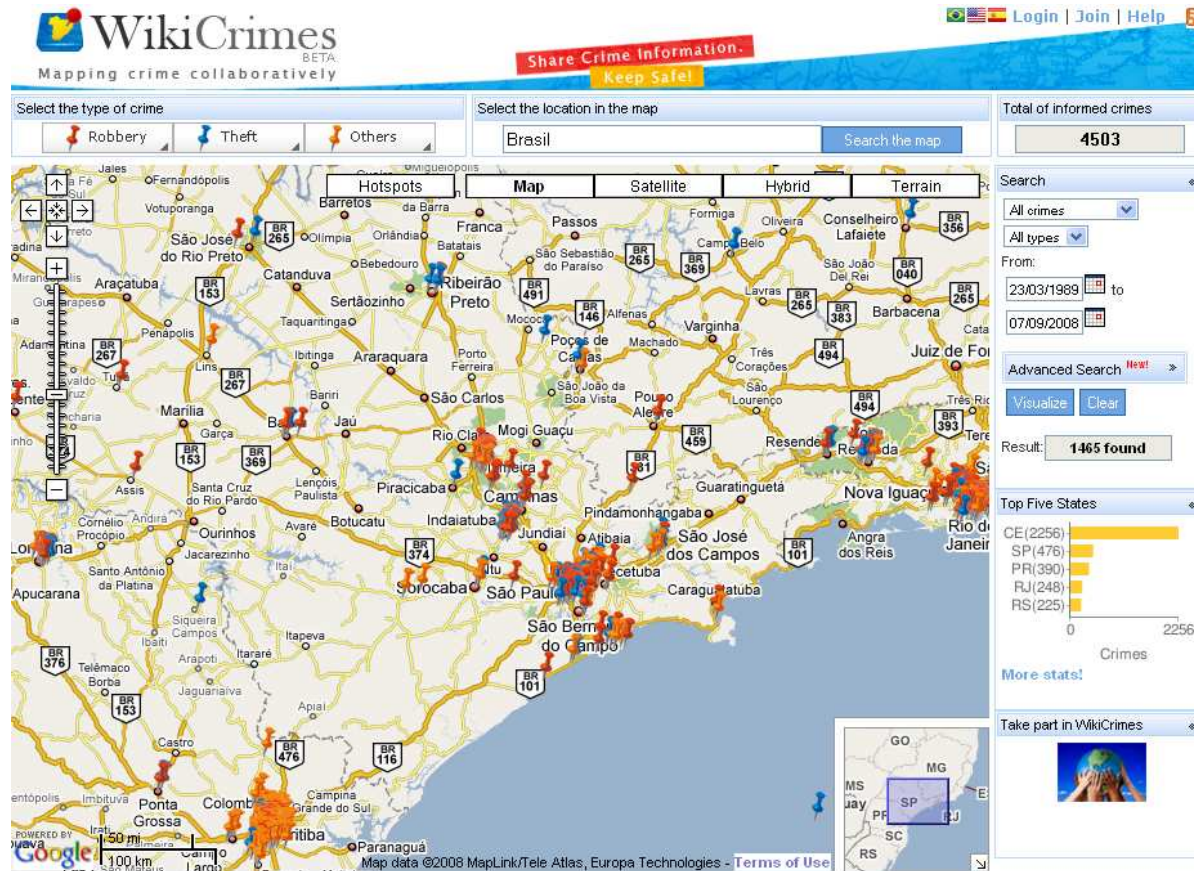
- Serena Mashup Composer

<http://www.serena.com/mashups>

- Yahoo pipes

<http://pipes.yahoo.com/pipes/>

Mashup



www.wikicrimes.org

Mashup

- Importante para
 - Divulgar os dados do seu Website.
 - Aumentar a visibilidade do seu Website
 - Acessar as informações de um Website desde outro Websites ou sistema diferente.
- Desenvolver novas aplicações facilmente
 - Aproveitar de dados e estruturas existentes
- Encontrar novos padrões de dados



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